

MITCHELL BURK

burkm1219@gmail.com | 219-228-0460 | Griffith, IN 46319 | mjb-0001.github.io

Summary

Experienced information technology professional adept in programming automation, computer system installation and configuration, cybersecurity, and development of machine learning algorithms. Dedicated to delivering efficient and top-notch support.

Skills

- Programming Languages: Python, NumPy, Pandas, Java, JavaScript, C, C#, Git, Go
- Cybersecurity: (Analysis, Assessments, Reporting, 2FA)
- Operating Systems: Windows, Linux, Unix
- Databases: SQL/MySQL
- VMware
- Scripting Languages: Bash, Powershell
- Cisco Network Routing and Switching
- Proficient with Office 365
- Machine/Deep Learning (PyTorch, TensorFlow, Natural Language Processing, Computer Vision, Data Gathering)
- Splunk

Experience

Family Medical Leave of Absence

09/2021 – 09/2023

- Began studying for the Cisco Certified DevNet Associate certification.
- Volunteered IT services at local businesses.
- Kept up to date on the latest advancements in the industry.
- Tutored Java/Python Programming to college students.

Purdue University Northwest | Hammond, IN

Machine Learning Researcher

03/2020 - 08/2021

- Research in Natural Language Processing (NLP) and visualizing multi-dimensional word embeddings.
- Compiled, cleaned, and manipulated data for proper handling.
- Performed various tasks such as account creation, software installation, and automation which decreased the amount of time exhausted and improved productivity.

Purdue University Northwest | Hammond, IN

Security Specialist

09/2018 - 11/2019

- Responded to incidents involving spam/phishing emails, compromised accounts, and suspicious network activity.
- Wrote code to parse unorganized reports that lead to improved productivity by prioritizing information (Python, Pandas, Anaconda).
- Assisted in the creation of weekly "Security Tips" sent out to all faculty, staff, and students.
- Drafted security reports and metrics to track security performance and strategize improvements.
- Contributed system road mapping, design, and launch services to address information vulnerabilities.
- Monitored computer virus reports to determine when to update virus protection systems.

All Information Services | Oak Brook, IL

Junior Network Analyst

05/2017 - 08/2017

- Assisted with Cisco Switch configuration.
- Installed networking equipment for a public school district.

Education and Training

Purdue University Northwest | Hammond, IN

Bachelor of Science in Computer Information Technology

05/2020